Subject: Added OCE (OpenCascade Community Edition) 3d solid modeling kernel -- UPDATED to 0.10 version
Posted by mdelfede on Sun, 15 Jan 2012 16:19:29 GMT
View Forum Message <> Reply to Message

PLEASE SEE LAST POST FOR LATEST INSTRUCTIONS !

Hi,

finally I could add this package, which I'm using in my UppCad.
It was a long run because the library source tree is totally Upp-unfriendly AND because it's so big that I couldn't drop into bazaar.

BEWARE, NEEDS AN UPDATED IDE TO BUILD !!! (nighty build from 18/01/2011)

So, here instructions :

1 - RTFR (Read The Fine Readme) !!!

2 - If you're in a hurry, please read point 1.

3 - If you're *really* in hurry, keep in mind that the Bazaar package DON'T have the library sources inside (around 30 MB were just too big...), just the .upp files and some other neede ones, so, you MUST fetch the library source tree by yourself.
So, as contained in the infamous README file, as an option :

From inside OCE folder.....

If using GIT (preferred method):

git clone git://github.com/tpaviot/oce.git

If not using git, fetch files from here :
https://github.com/tpaviot/oce/zipball/master
Unpack them inside OCE folder AND BE SURE that resulting folder name is 'oce'. You'll end with OCE folder containing following:

ApplicationFramework
Draw
FoundationClasses
InterfaceGraphic_WNT.hxx
ModelingAlgorithms
ModelingData
oce <<-- THIS IS OCE source tree
OCE.h
README-REALLY.txt
Visualization

From now, you can open OCETest package and run it... if all is ok, you'll see a small demo with a 3d bottle on it.

BE PATIENT, OpenCascade is totally Blitz-unfriendly, and it's
around 30 MB of source code. On Linux it takes around 20-25 minutes to build on my machine, on WINE it takes more than one our, don't know on a real machine.

You can zoom (mouse wheel) pan (middle mouse button) and rotate (ctrl+shift + mouse middle drag).

Tested on windows an Ubuntu Linux 11.10; if you've some BSD handy, please test it and/or apply needed patches.

Please report here any bugs you find !

LAST NOTE : GIT is preferred because the OCE project is very active on these days and we're fixing tons of issues on it, so with git you can stay updated easly.

Ciao

Max

File Attachments

1) MscBuilder.patch, downloaded 925 times